

**BAKER BOYTS LLP**

THE WARNER  
299 PENNSYLVANIA AVE., NW  
WASHINGTON, DC  
20004-2400  
202.639.7700  
FAX 202.639.7890

AUSTIN  
BAKU  
DALLAS  
HOUSTON  
LONDON  
MOSCOW  
NEW YORK  
WASHINGTON

November 21, 2000

**UTILITY PATENT APPLICATION TRANSMITTAL**

Attorney Docket Number: 004578.1106  
First Named Inventor: Gary FRAZIER  
Title: SUPER-REGENERATIVE MICROWAVE DETECTOR

TO: **BOX PATENT APPLICATION**  
Commissioner for Patents  
Washington, D.C. 20231

Sir:

Attached are the following for filing with the U.S. Patent and Trademark Office:

1. ☒ Fee Transmittal Form (original and duplicate)
2. ☒ Specification - Total Pages: 15 (Including Abstract)

CLAIMS AS FILED						
	Claims Filed	Basic Fee Claims	Extra	Rate		Amount
				Large Entity	Small Entity	
Total Claims	24	20	4	\$ 18.00	\$ 9.00	\$ 72.00
Independent Claims	4	3	1	\$ 80.00	\$ 40.00	\$ 80.00
First Presentation of Multiple Dependent Claims				\$ 270.00	\$ 135.00	\$ 0.00
<b>BASIC FEE</b>				\$ 710.00	\$ 355.00	\$ 710.00
<b>TOTAL FILING FEE</b>						\$ 862.00

3. ☒ Drawings - Total Sheets: 19 (Fig(s). 19)
4. Oath or Declaration - Total Pages: 4
  - a. ☒ Newly executed (original or copy)  
☐ New (unexecuted)
  - b. ☐ Copy from a prior application  
(for continuation/divisional with Box 17 completed)
    - i. ☐ **DELETION OF INVENTOR(s):**  
Signed statement attached deleting inventor(s) named in prior application.
5. ☐ Incorporation By Reference (useable if Box 4b is marked)

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. ☐ Computer Readable Copy
- b. ☐ Paper Copy (identical to computer copy)
- c. ☐ Statement verifying identity of above copies
8. ☐ Assignment and Assignment Recordation Form
9. ☐ 37 C.F.R. 3.73(b) Statement ☐ Power of Attorney
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement with PTO-1449 and References
- ☐ Copies of Information Disclosure Statement Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard
14. ☐ Small Entity Statement(s) ☐ Independent Inventor
- ☐ Small Business Concern
- ☐ Non-Profit Organization
- ☐ Statement Filed in Prior Application; Status Still Proper and Desired
15. ☒ Foreign Priority is Claimed as Follows:
- \_\_\_\_\_
- \_\_\_\_\_
- ☐ If Foreign Priority is Claimed, Certified Copy of the Above Priority Document(s) is Submitted Herewith
16. ☐ Other: \_\_\_\_\_
17. ☐ Continuation ☐ Divisional ☐ Continuation-in-Part of
- Prior Application No.: \_\_\_\_\_ filed \_\_\_\_\_
- ☐ Complete Application Based on Provisional Application No.: \_\_\_\_\_
- filed \_\_\_\_\_

18. ☒ A new power of attorney or authorization of agent (PTO/SB/81) is as follows:

☒ The power of attorney is to: René E. Grossman, Reg. No. 22,656; Glenn H. Lenzen, Jr., Reg. No. 29,320; Donald F. Mofford, Reg. No. 33,740; Andrew J. Rudd, Reg. No. 36,661; Philip P. Berestecki, Reg. No. 26,502; Deborah U. Verga, Reg. No. 38,351; Sarah L. Byrne, Reg. No. 40,545; Jerry W. Mills, Reg. No. 23,005; Robert M. Chiaviello, Jr., Reg. No. 32,461; Ann C. Livingston, Reg. No. 32,479; Thomas R. Felger, Reg. No. 28,842; Charles S. Fish, Reg. No. 35,870; Kevin J. Meek, Reg. No. 33,738; T. Murray Smith, Reg. No. 30,222; Barton E. Showalter, Reg. No. 38,302; David G. Wille, Reg. No. 38,363; Bradley P. Williams, Reg. No. 40,227; Terry J. Stalford, Reg. No. 39,522; Christopher W. Kennerly, Reg. No. 40,675; Harold E. Meier, Reg. No. 22,428; Douglas M. Kubehl, Reg. No. 41,915; Samir A. Bhavsar, Reg. No. 41,617; Thomas R. Nesbitt, Jr., Reg. No. 22,075; James J. Maune, Reg. No. 26,946; Roger J. Fulghum, Reg. No. 39,678; Robert L. Troike, Reg. No. 24,183; Scott F. Partridge, Reg. No. 28,142; James B. Arpin, Reg. No. 33,470; Jay B. Johnson, Reg. No. 38,193; Robert W. Holland, Reg. No. 40,020; James L. Baudino, Reg. No. 43,486; Scott T. Morris, Reg. No. 43,818; Tara D. Knapp, Reg. No. 43,723; William R. Borchers, Reg. No. 44,549; Robin A. Brooks, Reg. No. 44,563; Darren W. Collins, Reg. No. 44,625; Brian W. Oaks, Reg. No. 44,981; Luke K. Pedersen, Reg. No. 45,003; Matthew B. Talpis, Reg. No. 45,152; David D. Doyle, Reg. No. 43,596; Keiko Ichiye, Reg. No. 45,460; Russell W. White, Reg. No. 45,691 and Jeffery D. Baxter, Reg. No. 45,560.

☒ Please remove as power of attorney: Please remove as power of attorney: Rodger L. Tate, Reg. No. 27,399 and James Remenick, Reg. No. 36,902.

☒ Please add as power of attorney: Please add as power of attorney: Richard G. Berkley, Reg. No. 25,465.

19. Please address all correspondence to: Attention: Robert L. Troike  
Baker Botts L.L.P.  
The Warner, Suite 1300  
1299 Pennsylvania Avenue, N.W.  
Washington, D.C. 20004-2400

Commissioner for Patents  
November 21, 2000  
Page 4

20. ☒ A check in the amount of \$ 862.00 is enclosed. In the event any variance exists between the amount enclosed and the Patent Office charges, please charge or credit any such variance to Deposit Account No. 02-0375.
- ☐ The Commissioner is hereby authorized to charge any variance between the amount enclosed and the Patent Office charges to **Deposit Account No. 02-0375**.


Respectfully submitted,

By: *Robert L. Troike*  
Robert L. Troike  
Registration No. 24,183

Enclosures  
RLT/dh

0071647-12100

0012137260

<b>FEE TRANSMITTAL</b>  <b>[BOX PATENT APPLICATION]</b>				Complete If Known																																							
				Application No.		Not Yet Assigned																																					
				Filing Date		November 21, 2000																																					
				First Named Inventor		Gary FRAZIER																																					
				Examiner Name		Not Yet Assigned																																					
Group Art Unit		Not Yet Assigned																																									
Total Amount Of Payment		(\$)		862.00		Attorney Docket No.		004578.1106																																			
METHOD OF PAYMENT (check one)						FEE CALCULATION (continued)																																					
1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to <b>Deposit Account No. 02-0375</b> in the name of Baker Botts L.L.P.  <input type="checkbox"/> Charge any additional fee required under 37 C.F.R. §§ 1.16 and 1.17 to <b>Deposit Account No. 02-0375</b> .						3. <b>ADDITIONAL FEES</b>																																					
						<table border="0" style="width: 100%;"> <tr> <td style="width: 60%;">Fee Description</td> <td style="width: 40%; text-align: right;">Fee Paid</td> </tr> <tr><td><input type="checkbox"/> Surcharge - late filing fee or oath</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Surcharge - late provisional filing fee or cover sheet</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Extension for reply with _____ month</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Notice of Appeal</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Filing Brief in Support of Appeal</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Request for Oral Hearing</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Utility Issue Fee (or reissue)</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Design Issue Fee</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Plant Issue Fee</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Petitions to Commissioner</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Petition to Revive (unavoidable)</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Petition to Revive (unintentional)</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Petitions Related to Provisional Applications</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Submission of Information Disclosure Statement</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Filing Submission After Final Rejection</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Recording Each Patent Assignment Per Property</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Filing Request for Reexamination</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Other (specify) _____</td><td style="text-align: right;">\$</td></tr> </table>						Fee Description	Fee Paid	<input type="checkbox"/> Surcharge - late filing fee or oath	\$	<input type="checkbox"/> Surcharge - late provisional filing fee or cover sheet	\$	<input type="checkbox"/> Extension for reply with _____ month	\$	<input type="checkbox"/> Notice of Appeal	\$	<input type="checkbox"/> Filing Brief in Support of Appeal	\$	<input type="checkbox"/> Request for Oral Hearing	\$	<input type="checkbox"/> Utility Issue Fee (or reissue)	\$	<input type="checkbox"/> Design Issue Fee	\$	<input type="checkbox"/> Plant Issue Fee	\$	<input type="checkbox"/> Petitions to Commissioner	\$	<input type="checkbox"/> Petition to Revive (unavoidable)	\$	<input type="checkbox"/> Petition to Revive (unintentional)	\$	<input type="checkbox"/> Petitions Related to Provisional Applications	\$	<input type="checkbox"/> Submission of Information Disclosure Statement	\$	<input type="checkbox"/> Filing Submission After Final Rejection	\$
Fee Description	Fee Paid																																										
<input type="checkbox"/> Surcharge - late filing fee or oath	\$																																										
<input type="checkbox"/> Surcharge - late provisional filing fee or cover sheet	\$																																										
<input type="checkbox"/> Extension for reply with _____ month	\$																																										
<input type="checkbox"/> Notice of Appeal	\$																																										
<input type="checkbox"/> Filing Brief in Support of Appeal	\$																																										
<input type="checkbox"/> Request for Oral Hearing	\$																																										
<input type="checkbox"/> Utility Issue Fee (or reissue)	\$																																										
<input type="checkbox"/> Design Issue Fee	\$																																										
<input type="checkbox"/> Plant Issue Fee	\$																																										
<input type="checkbox"/> Petitions to Commissioner	\$																																										
<input type="checkbox"/> Petition to Revive (unavoidable)	\$																																										
<input type="checkbox"/> Petition to Revive (unintentional)	\$																																										
<input type="checkbox"/> Petitions Related to Provisional Applications	\$																																										
<input type="checkbox"/> Submission of Information Disclosure Statement	\$																																										
<input type="checkbox"/> Filing Submission After Final Rejection	\$																																										
<input type="checkbox"/> Recording Each Patent Assignment Per Property	\$																																										
<input type="checkbox"/> Filing Request for Reexamination	\$																																										
<input type="checkbox"/> Other (specify) _____	\$																																										
2. <input checked="" type="checkbox"/> Check Enclosed. The Commissioner is hereby authorized to charge any variance between the amount enclosed and the Patent Office charges to <b>Deposit Account No. 02-0375</b> in the name of Baker Botts L.L.P., The Warner, Suite 1300, 1299 Pennsylvania Avenue, N.W., Washington, D.C. 20004-2400.																																											
FEE CALCULATION																																											
1. <b>BASIC FILING FEE</b> <input type="checkbox"/> Large Entity <input type="checkbox"/> Small Entity																																											
					<u>Fee Paid</u>																																						
Utility Filing Fee					\$862.00																																						
Design Filing Fee					\$																																						
Plant Filing Fee					\$																																						
Reissue Filing Fee					\$																																						
Provisional Filing Fee					\$																																						
2. <b>EXTRA CLAIMS FEES</b>																																											
CLAIMS AS AMENDED																																											
For		Number Present	Highest Number Paid For	Extra	Rate		Amount																																				
					Large Entity	Small Entity																																					
TOTAL CLAIMS		24	20	4	x \$	18.00	x \$	9.00	\$72.00																																		
INDEPENDENT CLAIMS		4	3	1	x \$	80.00	x \$	40.00	\$80.00																																		
MULTIPLE DEPENDENT CLAIMS						\$ 270.00		\$ 135.00	\$0.00																																		
<b>TOTAL EXTRA CLAIMS FEES</b>								<b>\$152.00</b>																																			
SUBMITTED BY								Complete (if applicable)																																			
Typed or Printed Name		Robert L. Troike				Registration No.		24,183																																			
Signature				Date	11/21/00		Deposit Account User ID		02-0375																																		